

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/276,935ADATE: 04/20/2000
TIME: 12:00:29

Input Set: I276935A.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

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1 <110> APPLICANT: KLIEWER, Steven A.
2 JONES, Stacey A.
3 WILLSON, Timothy M.
4 <120> TITLE OF INVENTION: AN ORPHAN NUCLEAR RECEPTOR
5 <130> FILE REFERENCE: 510-125
6 <140> CURRENT APPLICATION NUMBER: US/09/276,935A
7 <141> CURRENT FILING DATE: 1999-03-26
8 <150> EARLIER APPLICATION NUMBER: 60/079,593
9 <151> EARLIER FILING DATE: 1998-03-27
10 <160> NUMBER OF SEQ ID NOS: 14
11 <170> SOFTWARE: PatentIn Ver. 2.0
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14 <212> TYPE: DNA
15 <213> ORGANISM: Artificial Sequence
16 <220> FEATURE:
17 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA genome
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23 <213> ORGANISM: Artificial Sequence
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25 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA genome
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44 <210> SEQ ID NO 5

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/276,935ADATE: 04/20/2000
TIME: 12:00:29

Input Set: I276935A.RAW

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47 <213> ORGANISM: Artificial Sequence
48 <220> FEATURE:
49 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA genome
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56 <220> FEATURE:
57 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA genome
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63 <213> ORGANISM: Artificial Sequence
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93 <210> SEQ ID NO 11
94 <211> LENGTH: 316

PAGE: 3

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/276,935A

DATE: 04/20/2000

TIME: 12:00:29

Input Set: I276935A.RAW

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95 <212> TYPE: PRT
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103      20              25              30
104 Ile Arg Glu Leu Met Asp Ala Gln Met Lys Thr Phe Asp Thr Thr Phe
105      35              40              45
106 Ser His Phe Lys Asn Phe Arg Leu Pro Gly Val Leu Ser Ser Gly Cys
107      50              55              60
108 Glu Leu Pro Glu Ser Leu Gln Ala Pro Ser Arg Glu Glu Ala Ala Lys
109      65              70              75              80
110 Trp Ser Gln Val Arg Lys Asp Leu Cys Ser Leu Lys Val Ser Leu Gln
111      85              90              95
112 Leu Arg Gly Glu Asp Gly Ser Val Trp Asn Tyr Lys Pro Pro Ala Asp
113      100             105             110
114 Ser Gly Gly Lys Glu Ile Phe Ser Leu Leu Pro His Met Ala Asp Met
115      115             120             125
116 Ser Thr Tyr Met Phe Lys Gly Ile Ile Ser Phe Ala Lys Val Ile Ser
117      130             135             140
118 Tyr Phe Arg Asp Leu Pro Ile Glu Asp Gln Ile Ser Leu Leu Lys Gly
119      145             150             155             160
120 Ala Ala Phe Glu Leu Cys Gln Leu Arg Phe Asn Thr Val Phe Asn Ala
121      165             170             175
122 Glu Thr Gly Thr Trp Glu Cys Gly Arg Leu Ser Tyr Cys Leu Glu Asp
123      180             185             190
124 Thr Ala Gly Gly Phe Gln Gln Leu Leu Leu Glu Pro Met Leu Lys Phe
125      195             200             205
126 His Tyr Met Leu Lys Lys Leu Gln Leu His Glu Glu Glu Tyr Val Leu
127      210             215             220
128 Met Gln Ala Ile Ser Leu Phe Ser Pro Asp Arg Pro Gly Val Leu Gln
129      225             230             235             240
130 His Arg Val Val Asp Gln Leu Gln Glu Gln Phe Ala Ile Thr Leu Lys
131      245             250             255
132 Ser Tyr Ile Glu Cys Asn Arg Pro Gln Pro Ala His Arg Phe Leu Phe
133      260             265             270
134 Leu Lys Ile Met Ala Met Leu Thr Glu Leu Arg Ser Ile Asn Ala Gln
135      275             280             285
136 His Thr Gln Arg Leu Leu Arg Ile Gln Asp Ile His Pro Phe Ala Thr
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142 <212> TYPE: PRT
143 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:

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PAGE: 4

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/276,935A

DATE: 04/20/2000
TIME: 12:00:29

Input Set: I276935A.RAW

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145 <223> OTHER INFORMATION: Description of Artificial Sequence: Protein
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151   Asn Met Gly Leu Asn Pro Ser Ser Pro Asn Asp Pro Val Thr Asn Ile
152           35           40           45
153   Cys Gln Ala Ala Asp Lys Gln Leu Phe Thr Leu Val Glu Trp Ala Lys
154           50           55           60
155   Arg Ile Pro His Phe Ser Glu Leu Pro Leu Asp Asp Gln Val Ile Leu
156           65           70           75           80
157   Leu Arg Ala Gly Trp Asn Glu Leu Leu Ile Ala Ser Phe Ser His Arg
158           85           90           95
159   Ser Ile Ala Val Lys Asp Gly Ile Leu Leu Ala Thr Gly Leu His Val
160           100          105          110
161   His Arg Asn Ser Ala His Ser Ala Gly Val Gly Ala Ile Phe Asp Arg
162           115          120          125
163   Val Leu Thr Glu Leu Val Ser Lys Met Arg Asp Met Gln Met Asp Lys
164           130          135          140
165   Thr Glu Leu Gly Cys Leu Arg Ala Ile Val Leu Phe Asn Pro Asp Ser
166           145          150          155          160
167   Lys Gly Leu Ser Asn Pro Ala Glu Val Glu Ala Leu Arg Glu Lys Val
168           165          170          175
169   Tyr Ala Ser Leu Glu Ala Tyr Cys Lys His Lys Tyr Pro Glu Gln Pro
170           180          185          190
171   Gly Arg Phe Ala Lys Leu Leu Leu Arg Leu Pro Ala Leu Arg Ser Ile
172           195          200          205
173   Gly Leu Lys Cys Leu Glu His Leu Phe Phe Phe Lys Leu Ile Gly Asp
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178 <210> SEQ ID NO 13

179 <211> LENGTH: 2146

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181 <213> ORGANISM: Artificial Sequence

182 <220> FEATURE:

183 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA genome

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187   aagtgttcac agtgagaaaa gcaagagaat aagctaatac tctgtcctg aacaaggcag 180
188   cggctccttg gtaaagctac tcttgatcg atcctttgca ccggattgtt caaagtggac 240
189   cccaggggag aagtcggagc aaagaactta ccaccaagca gtccaagagg cccagaagca 300
190   aacctggagg tgagacccaa agaaagctgg aacctgctg actttgtaca ctgtgaggac 360
191   acagagtctg ttcctggaaa gccagtgctc aacgcagatg aggaagtcgg aggtccccaa 420
192   atctgccgtg tatgtgggga caaggccact ggctatcact tcaatgtcat gacatgtgaa 480
193   ggatgcaagg gctttttcag gagggccatg aaacgcaacg cccggctgag gtgccccttc 540
194   cggaagggcg cctgcgagat caccgggaag acccggcgac agtgccaggc ctgccgcctg 600

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PAGE: 5

RAW SEQUENCE LISTING PATENT APPLICATION US/09/276,935A

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TIME: 12:00:29

Input Set: I276935A.RAW

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198 aaaacctttg acactacctt ctcccatttc aagaatttcc ggctgccagg ggtgcttagc 840
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231 20 25 30
232 Glu Glu Val Gly Gly Pro Gln Ile Cys Arg Val Cys Gly Asp Lys Ala
233 35 40 45
234 Thr Gly Tyr His Phe Asn Val Met Thr Cys Glu Gly Cys Lys Gly Phe
235 50 55 60
236 Phe Arg Arg Ala Met Lys Arg Asn Ala Arg Leu Arg Cys Pro Phe Arg
237 65 70 75 80
238 Lys Gly Ala Cys Glu Ile Thr Arg Lys Thr Arg Arg Gln Cys Gln Ala
239 85 90 95
240 Cys Arg Leu Arg Lys Cys Leu Glu Ser Gly Met Lys Lys Glu Met Ile
241 100 105 110
242 Met Ser Asp Glu Ala Val Glu Glu Arg Arg Ala Leu Ile Lys Arg Lys
243 115 120 125
244 Lys Ser Glu Arg Thr Gly Thr Gln Pro Leu Gly Val Gln Gly Leu Thr

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PAGE: 6

VERIFICATION SUMMARY
PATENT APPLICATION US/09/276,935A

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TIME: 12:00:29

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